

Current Restoration Projects

Wheel Creek at Gardens of Bel Air

(Wheel Creek Watershed)

Status: Under Construction

An existing stormwater management pond will be retrofitted to provide additional stormflow storage and improve water quality. This facility is located in the Gardens of Bel Air neighborhood, along Darby Lane.

Woodbridge Stormwater Management Retrofit

(Foster Branch Watershed)

Status: Under Construction

An existing stormwater management facility is located at the intersection of Hanson and Magnolia Roads in Edgewood. The facility will be modified to treat additional acreage and to store stormflow and release it to the receiving stream more slowly. In addition, a forebay and a micropool will be added to improve water quality. This facility is located at the headwaters of an unnamed tributary to Foster Branch.

Wheel Creek at Calverts Walk

(Wheel Creek Watershed)

Status: Under Construction

A headwater tributary of Wheel Creek is eroded. The project will stabilize the stream banks, protect water and sewer lines and establish riparian trees and shrubs.

Woodbridge Stream Restoration Project

(Foster Branch Watershed)

Status: Under Design

Construction: Summer 2013

Immediately downstream of the Woodbridge Stormwater Management Facility, the stream channel has eroded into a large gully. This project will create a step-pool structure starting at the culvert under Magnolia Road and extending approximately 300 linear feet. An additional 1000 linear feet will be stabilized with a combination of constructed riffles, stone toes and vegetation.

Sunnyview Road Stream Restoration Project

(Bynum Run Watershed)

Status: Under Design
Construction: Summer 2013

This project involves the restoration of approximately 2,100 linear feet of Farnandis Branch, a tributary to Bynum Run. The stream runs along the rear of single-family homes on Sunnyview Road. The channel has experienced downcutting and lateral erosion creating a safety hazard. The stream channel will be restored by using constructed riffles, stone toes, rock vanes and riparian vegetation.

Lower Wheel Creek Stream Restoration

(Wheel Creek Watershed)

Status: Under Design
Construction: Fall 2013

As part of the Wheel Creek watershed restoration, several sections of the main channel require stabilization, revegetation and grading to achieve water quality and habitat goals. This project involves restoration of three stream segments totaling 4,300 linear feet. Restoration activity includes regrading banks, vegetative stabilization and imbricated rip rap. In addition, several water quality facilities will be rehabilitated and modified to improve the quality of stormwater runoff.

Bynum Run at St Andrews Way

(Bynum Run Watershed)

Status: Under design
Construction: Summer 2014

This project involves removing a clogged culvert and restoring approximately 3,000 linear feet of Bynum Run near MacPhail Rd and St Andrews Way. In addition, riparian wetlands will be enhanced to improve water quality.

Norrisville Elementary Rain Garden

(Deer Creek Watershed)

Status: Under Design

Construction: Fall 2013

Two rain gardens are proposed for the Norrisville Elementary School property, located within the Deer Creek Watershed. The rain gardens will treat approximately 2.5 acres of impervious surface. As with previous rain garden projects on elementary school sties, students will be involved in the development of the planting plan, participate in planting the herbaceous material, and maintaining the rain gardens.